

U.S. Army
Active/Inactive (A/I) Range Inventory

RANGE INVENTORY BINDER

**Tooele Army Depot,
Utah**

ARMY MATERIEL COMMAND

14 February 2002

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EXECUTIVE SUMMARY

Purpose of the Active/Inactive (A/I) Range Inventory

The requirement to establish and maintain an inventory of the Army's Active and Inactive ranges is specifically detailed in Department of Defense Directive (DODD) 4715.11 and DODD 4715.12, subject: Environmental and Explosives Safety Management on Department of Defense (DOD) Active and Inactive Ranges within the United States and Outside the United States respectively. The purpose of these directives is to prescribe the policy, assign responsibilities, and define procedures for sustainable use and management of all of the Department of Defense active and inactive ranges around the world. These directives also establish policy and assign responsibility for ensuring the protection of military personnel and the public from explosive hazards and adverse environmental impact on these ranges.

Collection of data needed to support these inventories mandated by DODD 4715.11 and 4715.12 complements the information required to address Senate Report 106-50 (National Defense Authorization Act for Fiscal Year 2000) and Unexploded Ordnance and Constituents – UXO (C) Material Weakness. The Army Active/Inactive (A/I) Range Inventory is intended to comply with these requirements by providing a single, complete inventory of all Army Active/Inactive Ranges, suitable for estimating unexploded ordnance and unexploded ordnance constituents liabilities. The A/I Range Inventory will capture the critical information for A/I ranges of the Regular Army, Army Reserve, and the Army National Guard (to include state owned and leased state lands). All real property, which will satisfy the definition of a military range (as defined in the DOD Proposed Range Rule), will be evaluated for this Inventory. The Inventory will also serve to develop a modular, agile, and responsive base of information suitable for initiating plans and subsequent studies in response to the proposed DOD Range Rule, DODD 4715.11 and 4715.12, UXO(C) Material Weakness, and Senate Report 106-50.

The Army's Unexploded Ordnance and Constituents – UXO(C) Material Weakness documents the lack of a comprehensive DOD or Army program which integrates all factors supporting sustainable range management, including operational, fiscal, safety, environmental protection and restoration, and installation management requirements. Such a program for both Active/Inactive (A/I) and Closed, Transferred, and Transferring (CTT) ranges will allow the Army to respond to anticipated increased pressures on live training resulting from encroachment on ranges. Encroachment includes the increased economic development around installations, increased environmental regulations of ranges and munitions, and greater public environmental awareness. Specific benefits of the A/I Range Inventory are the increased ability of the Army to respond to material weakness issues concerning the management of UXO(C); compliance with applicable rules and regulations; accurate assessment of UXO(C) liability; and development of a comprehensive strategy that will ensure the long-term sustainability of the Army's active and inactive ranges.

The Department of the Army Assistant Chief of Staff for Installation Management (ACSIM) has designated the U.S. Army Environmental Center (AEC) as the Program Manager (PM) for the Army's Range Inventory. The Inventory is divided into two phases, the

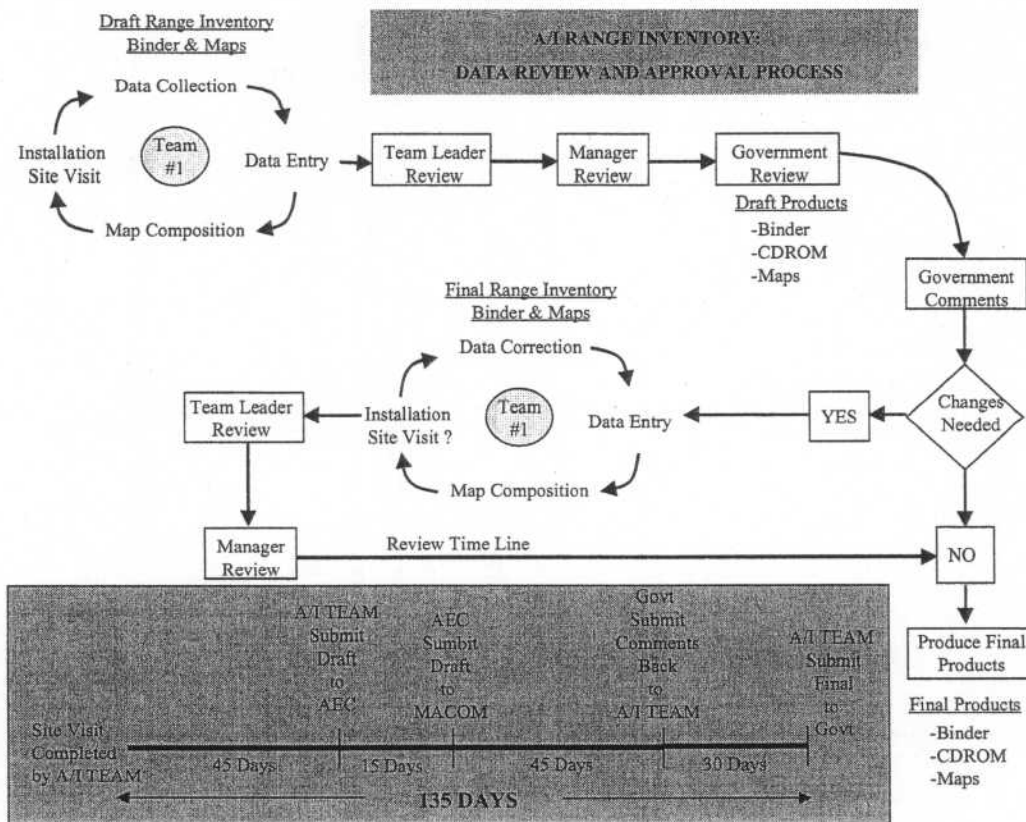
Active/Inactive (A/I) Range Inventory and the Closed, Transferred, and Transferring (CTT) Range Inventory. The Training Directorate of the Office of the Deputy Chief of Staff for Operations and Plans (DAMO-TR) is the proponent for the A/I Range Inventory. As the PM for the Army's Range Inventory, the USAEC Range Inventory Team has two sections organized around the two phases of the inventory. The USAEC A/I Team provides direct oversight of CALIBRE Services, Inc., for A/I Task Order execution. DAMO-TRS provides direct input to the USAEC A/I Team to guide the inventory. The Army's Training Support Center (USATSC) provides technical guidance to the USAEC A/I Team on ranges.

In order to leverage current capabilities and existing data, the ODCSOPS and the Assistant Chief of Staff for Installation Management (ACSIM) agreed to use the existing ITAM GIS Regional Support Centers (RSC) as the primary executors of the Army's Range Inventory. The USAEC provides management and oversight of these Centers. The primary RSC goals are to ensure a GIS capability exists at all ITAM installations, and gain efficiencies through standardization and geographically centralized support. RSC services include data layer development, spatial data analysis, customized map production, GIS technical support, and Military Activity GIS Interface Concept software support. RSCs help support an integrated land use planning strategy for management of training lands to ensure mission requirements are supported while environmental stewardship goals and objectives are achieved.

There are currently two Regional Support Centers (RSC). The East RSC is located on Fort A.P. Hill, Virginia. The West RSC is located on the campus of Colorado State University, Fort Collins, Colorado. The actual conduct of the A/I Range Inventory will be accomplished by separate elements of the RSCs providing special augmentation to the RSC capability so as not to interfere with the normal operations of these critical ITAM support centers.

The USAEC will manage all Range inventory data in a single modular inventory database, the Army Range Inventory Database (ARID). ARID provides a repository for data from external systems that will be queried for Department of Defense Instructions 4715.11/12, and the Senate Report 106-50 compliance information. External systems such as, ITAM GIS, FUDSMIS, IFS, and RFMSS will provide data to ARID by uploading ASCII files in an USAEC web site. ARID will then extract the pertinent data, link the data, and provide the data in the requested report format. ARID will be a web-based system with an Oracle 8i-database platform. The data needed to support this inventory (including information on military ranges required by Army doctrine through the RTLP, environmental management plans, munitions usage, and UXO(C) information required by the DOD Directives) constitute the information required to address Senate Report 106-50 and the UXO(C).

The notional process and timeline for range data collection and review is depicted in the following diagram. Upon completion of an installation site visit by the A/I RSC Team, the range data will be processed and a completed draft Range Inventory Binder will be sent to USAEC within 45 calendar days. The binder will be staffed through USAEC and the respective MACOM. Any changes noted during the review process will be incorporated by the RSC and a second site visit to the installation may be conducted if necessary to gain additional information. The Final Range Inventory Binder will be delivered to USAEC within 135 calendar days of the initial installation site visit.



Purpose and General Description of the Range Inventory Binder

A Range Inventory Binder will be completed by the appropriate Regional Support Center (RSC) for each installation inventoried, and will serve as the primary tool for validation of the data collected under the procedures noted above. The Range Inventory Binder contains eight TABS (A-H) as summarized below:

TAB A: Installation Summary

- Installation Overview and Description
- Contractor Team Composition
- Installation Points of Contact (POC)
- Narrative of Site Visit(s) and Coordination

TAB B: Installation Range Summary

- ARID Data Summary Tables:
 - Range Summary by FCG Code
 - Range Summary by FCC Code
 - Range Ownership Summary
 - DODIC Summary

TAB C: Range Inventory Definitions

Definition of Key Range Terms
A/I Range Database Definitions

TAB D: Installation Maps

"Active/Inactive Range Complex" Map(s)
"Active/Inactive Ranges" Map(s)

TAB E: Installation Data Tables

ARID Data Tables:

Installation (INSTAL) Table
Range Data (RANGE) Table
Range Demographics (DEMO) Table
Land Use Restrictions (LAND) Table
Range Ownership (OWN) Table
Points of Contact (POC) Table
Munitions Type (MUN) Table

Stewardship Table

TAB F: Installation Digital Files (Cd-Rom)

ArcView Project Files
ARID Upload Files (ASCII and ESRI Export Format)
Standard GIS Data
Digital Data (Final Binder only)

TAB G: Installation Data Discrepancies

(Summary of Unresolved Data and Map Issues)

TAB H: Document Log

(List of All Documents Collected at an Installation)

Questions concerning the Army Active/Inactive (A/I) Range Inventory should be directed to Mr. Paul DuBois, USAEC, (410) 436-1509.

TAB A: INSTALLATION SUMMARY

Installation Overview and Description

Tooele Army Depot is located 35 miles southwest of Salt Lake City in northeastern Tooele County, Utah. It has been an active army post since the early 1940s. Environmental contamination has occurred during its more than 50 years of storing ammunition and repairing equipment and it was placed on the Superfund National Priorities List (NPL) in October 1990. Real Property reports total acreage for Tooele Army Depot is 23,732 contiguous acres.

Contractor Team Composition

The A/I Range Inventory Team for Tooele Army Depot was represented by the Western ITAM GIS Regional Support Center (RSC) at the Center for Environmental Management of Military Lands (CEMML) located on the campus of Colorado State University. The A/I Range Inventory was conducted under the direction of Mr. Gary Senseman, Regional Manager, and performed by Team Leader Mr. Brandon Berta and team members Ms. Heidi Buskol and Ms. Marie Held.

Installation Points of Contact (POC)

The A/I Range Inventory POC for Tooele Army Depot was Mr. Larry McFarland, Environmental Restoration Program Manager.

Narrative of Site Visit and Coordination

The A/I Range Inventory site visit was conducted for Tooele Army Depot on 4 September 2001. Upon arrival the A/I Team leader in-briefed Larry McFarland (Environmental Restoration Program Manager), Dean Chamberlin (Realty Specialist), Bill Leanatsch (Environmental Engineer), Tom Turner (Chief, Environmental Office) and Dorinda Wave (Master Planner) on the purpose and scope of the Inventory. Various Real Property documents and data were provided to the Team for review. Mr. McFarland reviewed all the material the A/I Team prepared prior to the site visit, identified data gaps and provided updated information for the Inventory.

TAB B: INSTALLATION RANGE SUMMARY

The following four Army Range Inventory Database (ARID) summary tables are provided in hardcopy output:

- Range Summary by FCG Code
- Range Summary by FCC Code
- Range Ownership Summary
- DODIC Summary

TOOELE ARMY DEPOT Range Summary by FCG Code

FCG NAME	FCG	A/I ACREAGE	NUMBER OF RANGES
DEMO/FLAME RNG	17885	898.65	2
KNOWN DISTANCE RNG	17810	24.02	2
RD&E RANGE	39069	534.19	1
GRAND TOTAL		1456.86	5

TOOELE ARMY DEPOT Range Summary by FCC Code

FCC NAME	FCC	A/I ACREAGE	NUMBER OF RANGES
HVY DEMO	17886	898.65	2
KD RANGE	17810	24.02	2
RD&E RANGE	39069	534.19	1
GRAND TOTAL		1456.86	5

TOOELE ARMY DEPOT Ownership Summary

OWNERSHIP	A/I ACREAGE	NUMBER OF RANGES
DOD	1456.86	5
<hr/>		
GRAND TOTAL	1456.86	5

TOOELE ARMY DEPOT DODIC Summary

DODIC	DESCRIPTION	DODIC	DESCRIPTION
A093	.22 CAL MATCH LR F/PISTOL	K042	CANISTER MINE PRAC M88 (VOLCANO)
A091	.22 CAL MATCH LR F/RIFLE	ML04	CUTTER HE MK23-0
A302	.30 CAL 8 ROUND	ML05	CUTTER HE MK24-0
A217	.30 CAL BALL M2 LINKED	M032	DEMO CHARGE BLOCK 1# TNT
A182	.30 CARBINE BALL M1 (CLIP)	M023	DEMO CHARGE BLOCK 1-1/4# C4
A350	.32 CAL BALL F/PISTOL	M030	DEMO CHARGE BLOCK 1/4# TNT
A349	.32 CAL BALL F/REVOLVER	M039	DEMO CHARGE CRATERING 40#
A415	.38 CAL BALL AUTO PIST	ML15	DEMO CHARGE LINEAR 225 GR/FT
A408	.38 CAL BALL COLT 125	M983	DEMO CHARGE MOD 1 15FT
A400	.38 CAL SPEC BALL	M832	DEMO CHARGE SHAPED MK74
A475	.45 CAL BALL M1911	M619	DEMO FIR DEV M1 DELAY 12-32 MIN
A555	.50 CAL BALL M33	M616	DEMO FIR DEV M1 DELAY 6-14 MIN
A064	5.56MM 4 BALL/1 TRACER SAW	M626	DEMO FIR DEV M1A1
A071	5.56MM BALL M193 (CLIP) M16	M631	DEMO FIR DEV PULL REL M1
A059	5.56MM BALL M855 (CLIP) M16A2	M444	DEMO KIT PROJ CHG M157
A062	5.56MM BALL M855 SAW	M420	DEMO SHAPED CHG 15# COMP B
A131	7.62MM 4 BALL/1 TRACER	M421	DEMO SHAPED CHG 40# COMP B
A143	7.62MM BALL M80 MG LINKED	M456	DET CORD TYPE-1
A171	7.62MM MATCH M85	M541	DET PERC M2A1 8 SEC DELAY
A136	7.62MM SPEC BALL	M448	DET PERC M2A1 8 SEC DELAY
A363	9MM BALL M882	L621	FIRE STARTER M2
K002	ACTIVATOR AT MINE M1	K637	FIRING DEV PULL-REL
G801	ADAPTER M1 SERIES	K917	FLAME FUEL THICKENER M4
D110	ADDITIVE JACKET M1	M670	FUZE BLASTING TIME M700
M028	BANGALORE TORPEDO M1A2	K065	FUZE MINE AT M606
M130	BLASTING CAP ELEC M6	K058	FUZE MINE COMBINATION M605
M131	BLASTING CAP NON-ELEC M7		
K010	BURSTER FIELD INCENDIARY M4		

TOOELE ARMY DEPOT DODIC Summary

DODIC	DESCRIPTION	DODIC	DESCRIPTION
K061	FUZE MINE IGNITING		
K050	FUZE MINE M603 F/ M15		
M680	IGNITER CYL FLAME THROWER		
M766	IGNITER TIME BLASTING FUSE M60		
M767	IGNITER TIME BLASTING FUSE PRAC M77		
K092	MINE AP M16A1 W/FUZE M605		
K139	MINE AP PRAC M68		
K180	MINE AT HEAVY M15		
K250	MINE AT HEAVY M19		
K181	MINE AT HEAVY M21		
K230	MINE AT M12A1 PRAC		
1345T040	MINE MOD PACK MINE SYS		
1345T043	MINE PRAC MODULE MPOMS		
V882	PERSHING		
J143	ROCKET 5 IN MOTOR MK22-4 F/MICLIC		
1340T026	ROCKET GIANT VIPER LN CHG		
1345T012	ROCKET SURFACE LCHD MINE		
M851	SQUIB ELEC COMMERCIAL INSTANT		
M842	SQUIB ELEC M1 FLASH VENTED TYPE		
M900	SQUIB ELEC M5 F/ 30 LB		
V524	WARHEAD SEC GUIDED MISSILE		
V726	WARHEAD SEC GUIDED MISSILE P		

TAB C: RANGE INVENTORY DEFINITIONS

Definition of Key Range Terms: The following definitions are extracted from the DOD Range Rule and define key terminology related to the A/I Range Inventory.

- a. **Active Range:** A military range that is currently in service and is being regularly used for range activities. "In service" is defined as currently in operation, construction, maintenance, renovation, or reconfiguration to meet the current operating service's training and/or test requirements.
- b. **Inactive Range:** A military range that is not currently being used, but is still considered by the military to be a potential range area, and has not been put to a new use that is incompatible with range activities.
- c. **Closed Range:** A military range that has been taken out of service as a range and that either has been put to new uses that are incompatible with range activities or is not considered by the military to be a potential range area. A Closed Range is still under the control of a DOD component.
- d. **Military Munitions:** All ammunition products and components produced or used by or for the U.S. DOD or the U.S. Armed Services for national defense and security, including military munitions under the control of the DOD, the U.S. Coast Guard, the U.S. Department of Energy (DOE), and National Guard personnel. The term military munitions includes: confined gaseous, liquid, and solid propellants; explosives, pyrotechnics, chemical and riot control agents, smokes and incendiaries used by DOD components (including bulk explosives and chemical warfare agents), chemical munitions, rockets, guided and ballistic missiles, bombs, warheads, and mortar rounds; artillery ammunition, small arms ammunition, grenades, mines, torpedoes, depth charges, cluster munitions and dispensers, demolition charges, and devices and components thereof. Military munitions do not include wholly inert items, improvised explosive devices, or nuclear weapons, nuclear devices, and nuclear components thereof. However, the term does include nonnuclear components of nuclear devices, managed under DOE's nuclear weapons program, after all required sanitization operations under the amended Atomic Energy Act of 1954 have been completed.
- e. **Military Range:** A designated land or water area set aside, managed and used to conduct research on, develop, test and evaluate military munitions and explosives, other ordnance, or weapon systems; or to train military personnel in their use and handling. Ranges include firing lines and positions, maneuver areas, firing lanes, test pads, detonation pads, impact areas, and buffer zones with restricted access and exclusionary areas. The definition of a military range does not include airspace used for training, testing, or research and development where military munitions have not been used.

- f. **Testing Range:** A military range managed and used to conduct research on, develop, test, and evaluate military munitions and explosives, other ordnance, or weapon systems.
- g. **Transferred Range:** A military range that is no longer under military control and had been leased by DOD, transferred, or returned from DOD to another entity, including Federal entities. This includes a military range that is no longer under military control but was used under the terms of an executive order, special-use permit or authorization, right-of-way, public land order, or other instrument issued by the Federal land manager.
- h. **Transferring Range:** A military range that is proposed to be transferred or returned from the DOD to another entity, including Federal entities. This includes a military range that is used under the terms of a lease, withdrawal, executive order, special-use permit or authorization, right of way, public land order, or other instrument issued by the Federal land manager or Property Owner. An active range will not be considered a "transferring range" until the transfer is imminent.
- i. **Training Complex:** All firing ranges, weapons training facilities, associated impact areas, and maneuver training areas within the installation/community boundary.
- j. **UXO(C):** For the purposes of the Management Plan, unexploded ordnance (UXO) and unexploded ordnance constituents (UXO(C)) are collectively referred to as UXO(C).

A/I Range Database Definitions: The following tables define the data elements to be collected within each of the seven defined tables per the Army Range Inventory Database (ARID) Upload Instructions, dated 22 February 2001. The tables contain all of the ARID field names and table descriptions.

INSTALLATION (INSTAL) TABLE

Field Name	Description	Format	Valid contents
Installation_Name	The exact installation name to be associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
MACOM	The abbreviated name of the Major Command	Up to 9 characters	See the Data Dictionary for valid MACOM entries
MSC	The abbreviated name of the Major Subordinate Command	Up to 8 characters or null	See the Data Dictionary for valid MSC entries; N/A if null.
Parent_Installation_Name	The name of the parent installation for this installation	Up to 35 ASCII characters or null	ASCII or null
Installation_AI_Range	This is a yes/no option field that indicates the presence of A/I ranges on the installation.	Check Box	Y / N
Installation_CTT_Range	This is a yes/no option field that indicates the presence of CTT ranges on the installation.	Check Box	Y / N
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name]/ [First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

RANGE DATA (RANGE) TABLE

Field Name	Description	Format	Valid contents
Range_Name	The exact range name to be associated with the demographics	Up to 35 ASCII characters	ASCII characters. A range name that exists in the range table; not null. If the name does not exist in the range table, the record will be rejected.
Installation_Name	The exact installation name that is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
Range_Construction_Date	The date the range was constructed	YYYYMMDD	ASCII numeric characters
Range_UTM_Zone	The value representing the Universal Transverse Mercator Zone	Up to 3 numbers or null	The number must be between 1 and 60 (Future Implementation: TBD)
Range_UTM_X_Coordinates	The value representing the Universal Transverse Mercator Map X coordinate of the center point of the range	Up to 6 numbers or null	The number must be 100000 to 999999 or it can be null if no coordinates are uploaded. (Note: Latitude and Longitude cannot be substituted for UTM coordinates)
Range_UTM_Y_Coordinates	The value representing the Universal Transverse Mercator Map Y coordinate of the center point of the range	Up to 7 numbers or null	The number must be 1000000 to 9999999 or it can be null if no coordinates are uploaded. (Note: Latitude and Longitude cannot be substituted for UTM coordinates)
Historic_Use_1	A description of the primary historic use of the range	Up to 35 ASCII characters or null	ASCII or null. If the historic use is different than the current use or the range is no longer currently used, an entry is required. If the range has always been used the same way and is currently in use, leave this null since data will be captured with current use parameters.
Historic_Use_1_Start_YR	The approximate year the primary historic use started	4 numbers or null	1800-current year. Enter data if the range is no longer used or if the historic use is different than the current uses. The historic start year must be earlier than the corresponding historic end year.
Historic_Use_1_End_YR	The approximate year the primary historic use stopped being used for this purpose	4 numbers or null	1800-current year. Enter data if the range is no longer used or the historic use is different than the current uses. The historic end year must be later than the corresponding historic start year.

Historic_Use_2	This is a description of an additional historic use of the range.	Up to 35 ASCII characters or null	ASCII or null. If there are multiple historic uses that are not the current uses, the other uses can be entered.
Historic_Use_2_Start_YR	The approximate year the additional historic use started	4 numbers or null	1800-current year. Enter data if a second historic use is entered. The historic start year must be earlier than the corresponding historic end year.
Range_Historic_Use_2_End_YR	The approximate year the additional historic use stopped being used for this purpose	4 numbers or null	1800-current year. Enter data if a second historic use is entered. The historic end year must be later than the corresponding historic start year.
Historic_Use_3	A description of an additional historic use of the range	Up to 35 ASCII characters or null	ASCII or null. If there are multiple historic uses that are not the current uses, the other uses can be entered.
Historic_Use_3_Start_YR	The approximate year the additional historic use started	4 numbers or null	1800-current year. Enter data if a third historic use is entered. The historic start year must be earlier than the corresponding historic end year.
Historic_Use_3_End_YR	The approximate year the additional historic use stopped being used for this purpose	4 numbers or null	1800-current year. Enter data if a third historic use is entered. The historic end year must be later than the corresponding historic start year.
Current_Use_1	A description of the primary current use of the range	Up to 35 characters or null	If the range is not currently in use, enter null and complete only historic use fields.
Current_Use_1_Start_YR	The approximate year that the primary current use of the range started	4 numbers or null	1800-current year. If the range is not currently in use, enter null and complete only historic use fields.
Current_Use_2	A description of the secondary current use of the range	Up to 35 characters or null	Enter if there is more than one current use. If the range is not currently in use, enter null and complete only historic use fields.
Current_Use_2_Start_YR	The approximate year that the secondary current use of the range started	4 numbers or null	1800-current year. If the second current use is entered, enter data if available.
Current_Use_3	A description of an additional current use of the range	Up to 35 characters or null	Enter if there are more than two current uses. If the range is not currently in use, enter null and complete only historic use fields.
Current_Use_3_Start_YR	The approximate year that the additional current use of the range started	4 numbers or null	1800-current year. If the third current use is entered, enter data if available.
Range_Description	Other range information specific to this range	Up to 300 ASCII characters	ASCII; not null

Range_Total_Acreage	The estimate of total acreage covered by the range	Number xxxxxxx.yy or null	2 digit accuracy after the decimal. If more than 2 digits are provided, the value will be rounded to 2 digit precision. Null is acceptable.
Range_FCC_Code_1	The Federal Facility Category Code associated with Current_Use_1	Up to 5 digits or null	See Data Dictionary for valid FCC Codes; required if the range status is Active/Inactive.
Range_FCC_Code_2	The Federal Facility Category Code associated with Current_Use_2	Up to 5 digits or null	See Data Dictionary for valid FCC Codes; required if the range status is Active/Inactive.
Range_FCC_Code_3	The Federal Facility Category Code associated with Current_Use_3	Up to 5 digits or null	See the Data Dictionary for valid FCC Codes; required if the range status is Active/Inactive.
Range_Status	The site status: Active/Inactive, closed, transferring, or transferred	Up to 20 characters	See the Data Dictionary for the list of valid statuses.
Range_Comments	Free form text with information about the range current or historic uses	Up to 2000 ASCII characters or null	ASCII or null
Range_Topography	A description of the range topography from coded values	Up to 35 characters or null	See Data Dictionary for valid values.
Range_Soil_Type	A description of the range soil type from coded values	Up to 35 characters or null	See Data Dictionary for valid values.
Range_Vegetation_Type	A description of the range vegetation from coded values	Up to 35 characters or null	See Data Dictionary for valid values.
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name] /[First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

RANGE DEMOGRAPHICS (DEMO) TABLE

Field Name	Description	Format	Valid contents
Range_Name	The exact range name to be associated with the demographics	Up to 35 ASCII characters	ASCII characters. A range name that exists in the range table; not null. If the name does not exist in the range table, the record will be rejected.
Installation_Name	The exact installation name that is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
Range_Demo_Type	This field indicates if this is a city or county association and may be null if the association is only with a state.	2 characters or null	CO = county CT = city or null
Range_Demo_Name	The city or county name that is associated with the range	Up to 50 ASCII characters or null	ASCII or null if the Range_Demo_Type is null
Range_Demo_State	A state that is associated with the range	2 characters	2 character state postal code. See Data Dictionary for valid values; not null if located in the U.S.
Range_Demo_Country	The country in which the range is located	Up to 20 ASCII characters	ASCII characters; not null
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name] /[First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

LAND USE RESTRICTIONS (LAND) TABLE

Field Name	Description	Format	Valid contents
Range_Name	The exact range name to be associated with the demographics	Up to 35 ASCII characters	ASCII characters. A range name that exists in the range table; not null. If the name does not exist in the range table, the record will be rejected.
Installation_Name	The exact installation name that is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
Restriction_Type	A code that defines an access control or land use restriction	1 character	A = Access Control L = Land Use Restriction
Restriction	The restriction type associated with the range	Up to 25 ASCII characters	See Data Dictionary for valid restriction types.
Restriction_Description	A description of the restriction associated with the range	Up to 300 ASCII characters	ASCII characters
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name] /[First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

RANGE OWNERSHIP (OWN) TABLE

Field Name	Description	Format	Valid contents
Range_Name	The exact range name to be associated with the demographics	Up to 35 ASCII characters	ASCII characters. A range name that exists in the range table; not null. If the name does not exist in the range table, the record will be rejected.
Installation_Name	The exact installation name that is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
Ownership_Code	A code identifying the non-DOD organization entity that has ownership interest	1 character	See Data Dictionary for valid values.
Ownership_Description	Short description of the non-DOD organization that has an ownership interest	Up to 300 ASCII characters	ASCII; not null
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name]/ [First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

POINTS OF CONTACT (POC) TABLE

Field Name	Description	Format	Valid contents
Installation_Name	The exact installation name that is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility.	Up to 11 ASCII characters	Alphanumeric ASCII characters
POC_Type	A code that defines the area of responsibility for the POC	Up to 4 characters	A/I = active/inactive range; CTT = closed, transferring and transferred; INSTAL = installation
POC_Last_Name	The last name of the POC	Up to 35 ASCII characters	ASCII; not null
POC_First_Name	The first name of the POC	Up to 35 ASCII characters	ASCII; not null
POC_Title	The title of the POC	Up to 35 ASCII characters	ASCII; not null
POC_Org	The organization to which the POC belongs	Up to 35 ASCII characters	ASCII; not null
POC_Phone	The phone number to for the POC	###-###-####	0-9 and hyphen; not null
POC_DSN_Number	The Defense Subscriber Number for the POC	###-#### or null	0-9 and hyphen, or null
POC_Fax	The fax number for the POC	###-###-#### or null	0-9 and hyphen, or null
POC_Email	The email address for the POC	Up to 75 ASCII characters or null	ASCII or null
POC_Address_1	The first line of the address of the POC	Up to 75 ASCII characters	ASCII; not null
POC_Address_2	The second line of the address of the POC	Up to 75 ASCII characters or null	ASCII or null
POC_Address_3	The third line of the address of the POC	Up to 75 ASCII characters or null	ASCII or null
POC_City	The city where the POC is located	Up to 50 ASCII characters	ASCII
POC_State	The state where the POC is located	2 ASCII characters	2 character postal code. See the Data Dictionary for valid postal codes.
POC_Zip_Code	The zip code where the POC is located	#####-####	0-9 and hyphen
POC_Country	The country where the POC is located	Up to 20 ASCII characters	ASCII characters
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name] /[First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

MUNITIONS TYPE (MUN) TABLE

Field Name	Description	Format	Valid Contents
Range_Name	The exact range name to be associated with the demographics	Up to 35 ASCII characters	ASCII characters. A range name that exists in the range table; not null. If the name does not exist in the range table, the record will be rejected; not null.
Installation_Name	The exact installation name That is associated with the range	Up to 35 ASCII characters	ASCII characters. This can be any installation name. If the name does not exist in the installation table, the record will be rejected; not null.
FFID	The Federal Facility Identification number assigned to the facility	Up to 11 ASCII characters	Alphanumeric ASCII characters
Munitions_ID	The unique identifier for the types of munitions found on a range. This shall be represented by DODIC values where applicable.	Up to 20 ASCII characters	ASCII; not null
Munitions_Description	General type(s) of military munitions used on the range	Up to 50 ASCII characters	ASCII; not null
Munitions_Used_Start_Date	The approximate date a particular munition started to be used on a range	Up to 6 numbers	Date Format is YYYYMM where YYYY = Numerals '0' to '9' and in the range '1800' to '9999', and MM = Numerals '0' to '9' and in the range '01' to '12'
Munitions_Used_End_Date	The approximate date a particular munition was no longer used on a range	Up to 6 numbers	Date Format is YYYYMM where YYYY = Numerals '0' to '9' and in the range '1800' to '9999', and MM = Numerals '0' to '9' and in the range '01' to '12'
Munitions_Expended	The amount of rounds of a particular munition fired on a range	Up to 15 numbers	0-9, whole numbers only; not null
Update_By	Full name of the ARID user	Up to 20 ASCII characters (Do not use commas)	[Last Name] /[First Name] (Use backslash to separate last and first name)
Update_Date	The latest calendar date the data was updated within a data call	YYYYMMDD	ASCII numeric characters; not null

TAB D: INSTALLATION MAPS

The following hardcopy maps are contained in the Range Inventory Binder:

“Active/Inactive Range Complex” Map(s)

“Active/Inactive Ranges” Map(s)

TAB E: INSTALLATION DATA TABLES

The following seven Army Range Inventory Database (ARID) tables and a Stewardship Table are provided in hardcopy output:

ARID Data Tables:

Installation (INSTAL) Table

Range Data (RANGE) Table

Range Demographics (DEMO) Table

Land Use Restrictions (LAND) Table

Range Ownership (OWN) Table

Points of Contact (POC) Table

Munitions Type (MUN) Table

Stewardship Table

Installation (INSTAL) Table

01/16/2002

INSTALLATION NAME	FFID	MACOM	MSC	PARENT INSTALLATION	A/I RANGE	CTT RANGE
TOOELE ARMY DEPOT	UT213820894	AMC	OSC		Y	N

Range Data (RANGE) Table

01/16/2002

INSTALLATION NAME		RANGE NAME		STATUS	
TOOELE ARMY DEPOT		AED DEMIL TEST FACILITY, SITE 40		INACTIVE	
RANGE DESCRIPTION					
FIRING POINTS UNKNOWN.					
A/I TOTAL ACRES	UTM ZONE	UTM X	UTM Y	CONSTRUCTION DATE	
17.39	12	374911	4488707		
COMMENT					
105MM ROUNDS ARE UNEXPLODED AND BURIED SOMEWHERE WITHIN THIS AREA.					
TOPOGRAPHY		VEGETATION		SOIL TYPE	
GENTLY ROLLING		LOW GRASS AND FEW SHRUBS		SAND/GRAVEL SAND	
				START YEAR	FCC CODE
CURRENT USE 1	HEAVY DEMOLITION AREA				17886
CURRENT USE 2					
CURRENT USE 3					
				START YEAR	END YEAR
HISTORIC USE 1	BURIED 105MM ROUNDS				
HISTORIC USE 2					
HISTORIC USE 3					

Range Data (RANGE) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	STATUS
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	INACTIVE

RANGE DESCRIPTION

FIRING POINTS UNKNOWN.

A/I TOTAL ACRES	UTM ZONE	UTM X	UTM Y	CONSTRUCTION DATE
534.19	12	377845	4483870	

COMMENT

TOPOGRAPHY	VEGETATION	SOIL TYPE
FLAT	LOW GRASS AND FEW SHRUBS	SAND/GRAVEL SAND

	START YEAR	FCC CODE
CURRENT USE 1 RDT&E RANGE		39069

CURRENT USE 2

CURRENT USE 3

	START YEAR	END YEAR
HISTORIC USE 1		
HISTORIC USE 2		
HISTORIC USE 3		

Range Data (RANGE) Table

01/16/2002

INSTALLATION NAME		RANGE NAME		STATUS	
TOOELE ARMY DEPOT		MWR SMALL ARMS FIRING RANGE		ACTIVE	
RANGE DESCRIPTION					
12 FIRING POINTS					
A/I TOTAL ACRES	UTM ZONE	UTM X	UTM Y	CONSTRUCTION DATE	
5.25	12	383023	4484359	01 JAN 1992	
COMMENT					
IFS-01275					
TOPOGRAPHY		VEGETATION		SOIL TYPE	
GENTLY ROLLING		LOW GRASS AND FEW SHRUBS		SAND/GRAVEL SAND	
				START YEAR	FCC CODE
CURRENT USE 1	KNOWN DISTANCE (KD) RANGE			1992	17810
CURRENT USE 2					
CURRENT USE 3					
				START YEAR	END YEAR
HISTORIC USE 1					
HISTORIC USE 2					
HISTORIC USE 3					

Range Data (RANGE) Table

01/16/2002

INSTALLATION NAME		RANGE NAME		STATUS	
TOOELE ARMY DEPOT		OB/OD AREA, SITE 1		ACTIVE	
RANGE DESCRIPTION					
6 FIRING POINTS					
A/I TOTAL ACRES	UTM ZONE	UTM X	UTM Y	CONSTRUCTION DATE	
881.26	12	375144	4484437	01 JAN 1946	
COMMENT					
THIS AREA CONTAINS DUDDERED MUNITIONS.					
TOPOGRAPHY		VEGETATION		SOIL TYPE	
HEAVILY ROLLING		LOW GRASS AND FEW SHRUBS		SAND/GRAVEL SAND	
				START YEAR	FCC CODE
CURRENT USE 1	HEAVY DEMOLITION AREA			1946	17886
CURRENT USE 2					
CURRENT USE 3					
				START YEAR	END YEAR
HISTORIC USE 1					
HISTORIC USE 2					
HISTORIC USE 3					

Range Data (RANGE) Table

01/16/2002

INSTALLATION NAME		RANGE NAME		STATUS	
TOOELE ARMY DEPOT		SMALL ARMS FIRING RANGE, SITE 8		INACTIVE	
RANGE DESCRIPTION					
20 FIRING POINTS					
A/I TOTAL ACRES	UTM ZONE	UTM X	UTM Y	CONSTRUCTION DATE	
18.77	12	375428	4489481	01 JAN 1972	
COMMENT					
TOPOGRAPHY		VEGETATION		SOIL TYPE	
FLAT		LOW GRASS AND FEW SHRUBS		SAND/GRAVEL SAND	
				START YEAR	FCC CODE
CURRENT USE 1	KNOWN DISTANCE (KD) RANGE			1972	17810
CURRENT USE 2					
CURRENT USE 3					
				START YEAR	END YEAR
HISTORIC USE 1					
HISTORIC USE 2					
HISTORIC USE 3					

Range Demographics (DEMO) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	TYPE	NAME	STATE	COUNTRY
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	COUNTY	TOOELE	UT	UNITED STATES
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	COUNTY	TOOELE	UT	UNITED STATES
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	COUNTY	TOOELE	UT	UNITED STATES
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	COUNTY	TOOELE	UT	UNITED STATES
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	COUNTY	TOOELE	UT	UNITED STATES

Land Use Restrictions (LAND) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	RESTRICTION TYPE	RESTRICTION	DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ACCESS CONTROL	FENCES	
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ACCESS CONTROL	GUARDS	GATE
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ACCESS CONTROL	SIGNS	
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	ACCESS CONTROL	FENCES	
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	ACCESS CONTROL	GUARDS	GATE
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	ACCESS CONTROL	SIGNS	
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	ACCESS CONTROL	FENCES	
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	ACCESS CONTROL	GUARDS	GATE
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	ACCESS CONTROL	SIGNS	
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ACCESS CONTROL	FENCES	
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ACCESS CONTROL	GUARDS	GATE
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ACCESS CONTROL	SIGNS	
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	ACCESS CONTROL	FENCES	
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	ACCESS CONTROL	GUARDS	GATE
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	ACCESS CONTROL	SIGNS	

Range Ownership (OWN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	ALL ARMY OWNED	OWNER	OWNER DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	Y	DOD	
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	Y	DOD	
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	Y	DOD	
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	Y	DOD	
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	Y	DOD	

Points of Contact (POC) Table

01/16/2002

INSTALLATION NAME	LAST NAME	FIRST NAME	POC TITLE	POC ORG
TOOELE ARMY DEPOT	CHAMBERLIN	DEAN	REALTY SPECIALIST	REAL PROPERTY OFFICE
PHONE		ADDRESS		
PHONE (435)833-0585		TOOELE ARMY DEPOT		
DSN 790-3733				
FAX 790-2634				
EMAIL		TOOELE, UT 84074		
		UNITED STATES		

INSTALLATION NAME	LAST NAME	FIRST NAME	POC TITLE	POC ORG
TOOELE ARMY DEPOT	LEANATSCH	BILL	ENVIRONMENTAL ENGINEER	ENVIRONMENTAL OFFICE
PHONE		ADDRESS		
PHONE (435)833-2761		TOOELE ARMY DEPOT		
DSN 790-2761		SMDTE-CS-EO		
FAX				
EMAIL LENATSCW@EMH2.TOOELE.MIL		TOOELE, UT 84074		
		UNITED STATES		

Points of Contact (POC) Table

01/16/2002

INSTALLATION NAME	LAST NAME	FIRST NAME	POC TITLE	POC ORG
TOOELE ARMY DEPOT	McFARLAND	LARRY	ENV. RESTORATION PROGRAM MANAGER	ENVIRONMENTAL OFFICE

PHONE**ADDRESS**

PHONE (435)833-3235

DSN 790-3235

FAX 790-2839

EMAIL MCFARLAL@EMH2.TOOELE.ARMY.MIL

TOOELE ARMY DEPOT

SMATE-CS-EO

BLDG 8

TOOELE, UT 84074

UNITED STATES

INSTALLATION NAME	LAST NAME	FIRST NAME	POC TITLE	POC ORG
TOOELE ARMY DEPOT	TURNER	TOM	CHIEF, ENVIRONMENTAL OFFICE	ENVIRONMENTAL OFFICE

PHONE**ADDRESS**

PHONE (435)833-2762

DSN 790-2762

FAX (435)833-3932

EMAIL TTURNER@EMH2.TOOELE.ARMY.MIL

TOOELE ARMY DEPOT

SMATE-CS-EO

BLDG 8

TOOELE, UT 84074

UNITED STATES

Points of Contact (POC) Table

01/16/2002

INSTALLATION NAME	LAST NAME	FIRST NAME	POC TITLE	POC ORG
TOOELE ARMY DEPOT	WAVE	DORINDA	MASTER PLANNER	PUBLIC WORKS
PHONE		ADDRESS		
PHONE (435)833-3722		SMATE-PW (MS. WAVE)		
DSN 790-3722		TOOELE ARMY DEPOT		
FAX 790-3722		BLDG 501		
EMAIL WAVED@EMH3.TOOELE.ARMY.MIL		TOOELE, UT 84074		
		UNITED STATES		

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	1340T026	ROCKET GIANT VIPER LN CHG
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	1345T012	ROCKET SURFACE LCHD MINE
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	1345T040	MINE MOD PACK MINE SYS
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	1345T043	MINE PRAC MODULE MPOMS
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	D110	ADDITIVE JACKET M1
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	G801	ADAPTER M1 SERIES
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	J143	ROCKET 5 IN MOTOR MK22-4 F/MICLIC
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K002	ACTIVATOR AT MINE M1
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K010	BURSTER FIELD INCENDIARY M4
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K042	CANISTER MINE PRAC M88 (VOLCANO)
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K050	FUZE MINE M603 F/M15
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K058	FUZE MINE COMBINATION M605
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K061	FUZE MINE IGNITING
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K065	FUZE MINE AT M606
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K092	MINE AP M16A1 W/FUZE M605
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K139	MINE AP PRAC M68

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K180	MINE AT HEAVY M15
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K181	MINE AT HEAVY M21
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K230	MINE AT M12A1 PRAC
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K250	MINE AT HEAVY M19
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K637	FIRING DEV PULL-REL
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	K917	FLAME FUEL THICKENER M4
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	L621	FIRE STARTER M2
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M023	DEMO CHARGE BLOCK 1-1/4# C4
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M028	BANGALORE TORPEDO M1A2
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M030	DEMO CHARGE BLOCK 1/4# TNT
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M032	DEMO CHARGE BLOCK 1# TNT
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M039	DEMO CHARGE CRATERING 40#
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M130	BLASTING CAP ELEC M6
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M131	BLASTING CAP NON-ELEC M7
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M420	DEMO SHAPED CHG 15# COMP B
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M421	DEMO SHAPED CHG 40# COMP B
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M444	DEMO KIT PROJ CHG M157

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M448	DET PERC M2A1 8 SEC DELAY
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M456	DET CORD TYPE-1
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M541	DET PERC M2A1 8 SEC DELAY
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M616	DEMO FIR DEV M1 DELAY 6-14 MIN
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M619	DEMO FIR DEV M1 DELAY 12-32 MIN
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M626	DEMO FIR DEV M1A1
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M631	DEMO FIR DEV PULL REL M1
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M670	FUZE BLASTING TIME M700
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M680	IGNITER CYL FLAME THROWER
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M766	IGNITER TIME BLASTING FUSE M60
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M767	IGNITER TIME BLASTING FUSE PRAC M77
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M832	DEMO CHARGE SHAPED MK74
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M842	SQUIB ELEC M1 FLASH VENTED TYPE
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M851	SQUIB ELEC COMMERCIAL INSTANT
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M900	SQUIB ELEC M5 F/ 30 LB
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	M983	DEMO CHARGE MOD 1 15FT

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ML04	CUTTER HE MK23-0
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ML05	CUTTER HE MK24-0
TOOELE ARMY DEPOT	AED DEMIL TEST FACILITY, SITE 40	ML15	DEMO CHARGE LINEAR 225 GR/FT
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A059	5.56MM BALL M855 (CLIP) M16A2
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A062	5.56MM BALL M855 SAW
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A064	5.56MM 4 BALL/1 TRACER SAW
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A071	5.56MM BALL M193 (CLIP) M16
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A091	.22 CAL MATCH LR F/RIFLE
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A131	7.62MM 4 BALL/1 TRACER
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A136	7.62MM SPEC BALL
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A143	7.62MM BALL M80 MG LINKED
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A171	7.62MM MATCH M85
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A182	.30 CARBINE BALL M1 (CLIP)
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A217	.30 CAL BALL M2 LINKED
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A363	9MM BALL M882
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A400	.38 CAL SPEC BALL
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A475	.45 CAL BALL M1911

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	A555	.50 CAL BALL M33
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	V524	WARHEAD SEC GUIDED MISSILE
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	V726	WARHEAD SEC GUIDED MISSILE P
TOOELE ARMY DEPOT	CHEMICAL RANGE, SITE 7	V882	PERSHING
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A059	5.56MM BALL M855 (CLIP) M16A2
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A062	5.56MM BALL M855 SAW
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A071	5.56MM BALL M193 (CLIP) M16
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A091	.22 CAL MATCH LR F/RIFLE
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A093	.22 CAL MATCH LR F/PISTOL
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A136	7.62MM SPEC BALL
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A143	7.62MM BALL M80 MG LINKED
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A171	7.62MM MATCH M85
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A182	.30 CARBINE BALL M1 (CLIP)
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A217	.30 CAL BALL M2 LINKED
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A302	.30 CAL 8 ROUND
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A349	.32 CAL BALL F/REVOLVER
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A350	.32 CAL BALL F/PISTOL

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A363	9MM BALL M882
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A408	.38 CAL BALL COLT 125
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A415	.38 CAL BALL AUTO PIST
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A475	.45 CAL BALL M1911
TOOELE ARMY DEPOT	MWR SMALL ARMS FIRING RANGE	A555	.50 CAL BALL M33
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	1340T026	ROCKET GIANT VIPER LN CHG
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	1345T012	ROCKET SURFACE LCHD MINE
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	1345T040	MINE MOD PACK MINE SYS
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	1345T043	MINE PRAC MODULE MPOMS
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	D110	ADDITIVE JACKET M1
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	G801	ADAPTER M1 SERIES
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	J143	ROCKET 5 IN MOTOR MK22-4 F/MICLIC
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K002	ACTIVATOR AT MINE M1
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K010	BURSTER FIELD INCENDIARY M4
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K042	CANISTER MINE PRAC M88 (VOLCANO)
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K050	FUZE MINE M603 F/ M15

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K058	FUZE MINE COMBINATION M605
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K061	FUZE MINE IGNITING
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K065	FUZE MINE AT M606
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K092	MINE AP M16A1 W/FUZE M605
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K139	MINE AP PRAC M68
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K180	MINE AT HEAVY M15
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K181	MINE AT HEAVY M21
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K230	MINE AT M12A1 PRAC
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K250	MINE AT HEAVY M19
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K637	FIRING DEV PULL-REL
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	K917	FLAME FUEL THICKENER M4
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	L621	FIRE STARTER M2
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M023	DEMO CHARGE BLOCK 1-1/4# C4
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M028	BANGALORE TORPEDO M1A2
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M030	DEMO CHARGE BLOCK 1/4# TNT
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M032	DEMO CHARGE BLOCK 1# TNT
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M039	DEMO CHARGE CRATERING 40#

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M130	BLASTING CAP ELEC M6
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M131	BLASTING CAP NON-ELEC M7
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M420	DEMO SHAPED CHG 15# COMP B
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M421	DEMO SHAPED CHG 40# COMP B
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M444	DEMO KIT PROJ CHG M157
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M448	DET PERC M2A1 8 SEC DELAY
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M456	DET CORD TYPE-1
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M541	DET PERC M2A1 8 SEC DELAY
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M616	DEMO FIR DEV M1 DELAY 6-14 MIN
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M619	DEMO FIR DEV M1 DELAY 12-32 MIN
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M626	DEMO FIR DEV M1A1
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M631	DEMO FIR DEV PULL REL M1
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M670	FUZE BLASTING TIME M700
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M680	IGNITER CYL FLAME THROWER
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M766	IGNITER TIME BLASTING FUSE M60
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M767	IGNITER TIME BLASTING FUSE PRAC M77

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M832	DEMO CHARGE SHAPED MK74
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M842	SQUIB ELEC M1 FLASH VENTED TYPE
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M851	SQUIB ELEC COMMERCIAL INSTANT
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M900	SQUIB ELEC M5 F/ 30 LB
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	M983	DEMO CHARGE MOD 1 15FT
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ML04	CUTTER HE MK23-0
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ML05	CUTTER HE MK24-0
TOOELE ARMY DEPOT	OB/OD AREA, SITE 1	ML15	DEMO CHARGE LINEAR 225 GR/FT
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A059	5.56MM BALL M855 (CLIP) M16A2
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A062	5.56MM BALL M855 SAW
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A071	5.56MM BALL M193 (CLIP) M16
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A091	.22 CAL MATCH LR F/RIFLE
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A093	.22 CAL MATCH LR F/PISTOL
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A136	7.62MM SPEC BALL
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A143	7.62MM BALL M80 MG LINKED
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A171	7.62MM MATCH M85
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A182	.30 CARBINE BALL M1 (CLIP)

Munitions Type (MUN) Table

01/16/2002

INSTALLATION NAME	RANGE NAME	DODIC	DODIC DESCRIPTION
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A217	.30 CAL BALL M2 LINKED
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A302	.30 CAL 8 ROUND
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A349	.32 CAL BALL F/REVOLVER
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A350	.32 CAL BALL F/PISTOL
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A363	9MM BALL M882
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A408	.38 CAL BALL COLT 125
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A415	.38 CAL BALL AUTO PIST
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A475	.45 CAL BALL M1911
TOOELE ARMY DEPOT	SMALL ARMS FIRING RANGE, SITE 8	A555	.50 CAL BALL M33

Stewardship Table

TOOELE ARMY DEPOT

In accordance with paragraph 3.2.2.2 of the Statement of Work, the Restoration GIS data files were requested but none were provided.

In accordance with paragraph 3.2.2.2 of the Statement of Work, the Special Status Species GIS data files were requested but none were provided.

In accordance with paragraph 3.2.2.2 of the Statement of Work, the Cultural Resource GIS data files were requested but none were provided.

TAB F: INSTALLATION DIGITAL FILES

The following Installation Digital Files were provided to AEC, RSC (and NGB if applicable):

- ArcView Project Files
- ARID Upload Files
- Standard GIS Data
- Digital Data

All other binders contain the ArcView Project Files disk only.

TAB G: INSTALLATION DATA DISCREPANCIES

Tooele Army Depot

- A. The A/I Inventory Team has inventoried Tooele Army Depot (Real Property Install Name: TOOEELE ARMY DEPOT, INSNO: 49575).
- B. The following issues were encountered and unresolved during the Contractor Team Site Visit and follow-up coordination events:
1. According to the Real Property records, the total acreage of Tooele Army Depot is 23,732 acres. According to A/I GIS computations, the total acreage is 23,288.63 acres.
 2. As shown in the table below, some of the ranges identified in the Inventory have unknown Real Property FAC #s, and the acreages identified in the Real Property records or other published sources do not match the acreages identified in the A/I Inventory GIS analysis:

TOOELE ARMY DEPOT RANGES	REAL PROP FCC	A/I FCC	REAL PROP FAC #	REAL PROP ACREAGE	A/I ACREAGE
AED DEMIL TEST FACILITY, SITE 40	17886	17886	UNKNOWN	UNKNOWN	17.39
CHEMICAL RANGE, SITE 7	39069	39069	UNKNOWN	UNKNOWN	534.19
MWR SMALL ARMS FIRING RANGE	17810	17810	01275	UNKNOWN	5.25
OB/OD AREA, SITE 1	17886	17886	00802	UNKNOWN	881.26
SMALL ARMS FIRING RANGE, SITE 8	17810	17810	01450	UNKNOWN	18.77

- C. The following GIS data was received from the installation or from other sources:
1. In accordance with paragraph 3.2.2.2 of the Statement of Work, the following Installation Spatial Data, found on the enclosed CD labeled STANDARD GIS DATA, was obtained. Assessment of the data follows:

DATA TYPE	% COMPLETE	COMMENT
Training Related		NOT PROVIDED
Transportation	UNKNOWN	Jason Rath, Dugway Proving Ground GIS/ORISE Participant
Vegetation		NOT PROVIDED
Soils		NOT PROVIDED
Topography	UNKNOWN	www.usgs.gov
Sensitive Species		NOT PROVIDED
Cultural		NOT PROVIDED
Hydrology	UNKNOWN	Gisdatadepot.com

TAB H: DOCUMENT LOG

Tooele Army Depot

1. *Appendix Q: UXO/DEBRIS Walking Survey Results for SWMU 40* was received from Larry McFarland, Environmental Restoration Program Manager.
2. *Real Property Industrial Area Description for Deed Purposes* was received from Dean Chamberlin, Realty Specialist.
3. *Ammended Survey Map–North Area Boundary*, Schuchert & Associates Professional Land Surveyors map, was received from Dean Chamberlin, Realty Specialist.
4. *Facilities Engineering Division Map, South Area Demolition Range*. Drawing # T100-9968 was received from Larry McFarland, Environmental Restoration Program Manager.
5. *South Area General Site Map* was received from Larry McFarland, Environmental Restoration Program Manager.
6. General Site Map for Deseret Chemical Depot was received from Larry McFarland, Environmental Restoration Program Manager.
7. Tooele Boundary Draft map, Dept. of the Army Corps of Engineers, was received from Larry McFarland, Environmental Restoration Program Manager.
8. Tooele Army Depot Inventory Handbook was received from R&K Engineering Planning Systems and is located on “Digital Data” CD-ROM.